BRS	304	ultra-wideband	USPAT; US-PGPUB; EPO; DERWENT	4/3/03 17:23
BRS	378	ultra adj wideband	USPAT; US-PGPUB; EPO; DERWENT	10/2/02 13:26
BRS BRS	231 553	ultra adj wide adj band	USPAT; US POPUB; EPO; DERWENT	10/2/02 13:26
BKS	333	ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band) (ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) with (communication or transmission or	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:01
BRS	234	transmit\$)	USPAT; US-PGPUB; EPO; DERWENT	9/26/03 13:48
2		((ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) with (communication or transmission or	00,711,00,10,00,210,821112111	0/20/00 10:10
BRS	3	transmit\$)) and (pulse adj pair\$1)	USPAT; US-PGPUB; EPO; DERWENT	10/2/02 13:43
BRS	5	(ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) and (pulse adj pair\$1)	USPAT; US-PGPUB; EPO; DERWENT	10/2/02 13:44
BRS	3	((ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) and (pulse adj pair\$1)) and correlat\$	USPAT; US-PGPUB; EPO; DERWENT	10/2/02 13:46
BRS	•	(((ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) and (pulse adj pair\$1)) and correlat\$)	HERAT, HE BORUP, EDG. DEDWENT	400/00 40:47
BRS	3 2	and error\$1 5920278.pn. and pulse\$1	USPAT; US-PGPUB; EPO; DERWENT USPAT; US-PGPUB; EPO; DERWENT	10/2/02 13:47 4/3/03 17:24
BRS	65	(spread\$ near6 (downconvert\$ or (down adj convert\$))) and pair\$	USPAT: US-PGPUB: EPO: DERWENT	4/3/03 17:24
BRS	1	(5920278.pn. and pulse\$1) and pair\$	USPAT; US-PGPUB; EPO; DERWENT	4/3/03 17:24
BRS	1004	ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:02
		(ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	,	
BRS	1101	(impulse adj radio)	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:03
000		((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or		
BRS	69	(impulse adj radio)) and (bipolar or (bi adj polar)) (((ultra-wideband\$1 or (ultra adj wideband\$1)) or (ultra adj wideband\$1)) or (ultra adj wideband\$1)) or	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:04
BRS	45	(impulse adj radio)) and (bipolar or (bi adj polar))) and @ad<20001214	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:05
5,10		((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	USFAT, US-F GFOB, EFO, DERWENT	5/24/03 20:03
BRS	1122	(impulse adj radio)) or uwd	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:04
		(((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	, , ,	
BRS	69	(impulse adj radio)) or uwd) and (bipolar or (bi adj polar))	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:04
222		((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or		
BRS	20	(impulse adj radio)) or uwd) and (bipolar or (bi adj polar))) and window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:05
BRS	9	(((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1)) or (ultrawide adj band\$1)) or (impulse adj radio)) or uwd) and (bipolar or (bi adj polar))) and window\$3) and @ad<20001214	HERAT, HE BORNE, EDG. DEDWENT	0/04/02 20:40
DINO	3	((((((ultra-wideband\$1 or (ultra adj wideband\$1)) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:12
		(impulse adj radio)) or uwd) and (bipolar or (bi adj polar))) and window\$3) and @ad<20001214) and		
BRS	4	correlat\$5	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:28
		((((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	, , ,	
		(impulse adj radio)) or uwd) and (bipolar or (bi adj polar))) and window\$3) and @ad<20001214) and		
BRS	1	5864166.pn.	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:10
		((((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1)) or (ultrawide adj band\$1)) or (ultrawide adj band\$1)) or (ultrawide adj band\$1) or (ultrawide adj band\$1)) or (ultrawide adj band\$1) or (ultrawide adj band\$1)) or (ultrawide adj band\$1) or (ultrawi		
BRS	1343108	(impulse adj radio)) or uwd) and (bipolar or (bi adj polar))) and window\$3) and @ad<20001214) and 5864166.pn.) anf frame\$1	HERAT: HE BORNE, EDO, DEDWENT	0/04/03 20:44
Dito	1343100	(((((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:11
		(impulse adj radio)) or uwd) and (bipolar or (bi adj polar))) and window\$3) and @ad<20001214) and		
BRS	0	5864166.pn.) and frame\$1	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:11
		(((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or		
BRS	170	(impulse adj radio)) or uwd) and frame\$1	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:12
		((() litra-widehand\$1 or (ultra adi widehand\$1) or (ultra adi wide adi hand\$1) or (ultra-widehand\$1)		
		((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or (impulse adj radio)) or uwd) and frame\$1) and ((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj		
BRS	18	wide adj band\$1) or (ultrawide adj band\$1)) or (impulse adj radio)) or uwd) and (bipolar or (bi adj polar)))	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:12
		(((((ultra-wideband\$1 or (ultra adj wideband\$1)) or (ultra adj wide adj band\$1)) or (ultrawide adj band\$1)) or	00.777, 00.7.07, 00, 21, 0, 22, 77, 21, 77	0/E #/00 EU. 1E
		(impulse adj radio)) or uwd) and frame\$1) and ((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj		
		wide adj band\$1) or (ultrawide adj band\$1)) or (impulse adj radio)) or uwd) and (bipolar or (bi adj polar))))		
BRS	10	and @ad<20001214	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:24
BRS	5020	pulse near2 pair\$1	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:24
BRS	13	(((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1)) or (ultrawide adj band\$1)) or (impulse adj radio)) or uwd) and (pulse near2 pair\$1)	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:24
50	.•	((((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	OSFAT, OS-FGFOB, EFO, DERWENT	5/24/03 20:24
BRS	6	(impulse adj radio)) or uwd) and (pulse near2 pair\$1)) and @ad<20001214	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:28
		(((ultra-wideband\$1 or (ultra adj wideband\$1) or (ultra adj wide adj band\$1) or (ultrawide adj band\$1)) or	,	
BRS	7	(impulse adj radio)) or uwd) and (correlat\$5 near3 error\$1)	USPAT; US-PGPUB; EPO; DERWENT	9/24/03 20:28
BRS	4	((((ultra-wideband\$1 or (ultra adj wideband\$1)) or (ultra adj wide adj band\$1)) or (ultrawide adj band\$1)) or	HODAT HO DODUB TOO	
BRS	1 0	(impulse adj radio)) or uwd) and (correlat\$5 near3 error\$1)) and @ad<20001214 5166890.pn. and correlat\$5	USPAT: US POPUB; EPO: DERWENT	9/24/03 20:28
BRS	249	correlat\$4 with (bipolar or (Pulse near2 pairs))	USPAT; US-PGPUB; EPO; DERWENT USPAT; US-PGPUB; EPO; DERWENT	9/25/03 20:37 9/25/03 20:38
BRS	80	correlat\$4 near3 (bipolar or (Pulse near2 pairs))	USPAT; US-PGPUB; EPO; DERWENT	9/25/03 22:41
BRS	65	(correlat\$4 near3 (bipolar or (Pulse near2 pairs))) and @ad<20001214	USPAT; US-PGPUB; EPO; DERWENT	9/25/03 21:50
BRS	9	correlat\$4 near3 ((Pulse near2 pairs))	USPAT; US-PGPUB; EPO; DERWENT	9/25/03 21:50
BRS	7	(correlat\$4 near3 ((Pulse near2 pairs))) and @ad<20001214	USPAT; US-PGPUB; EPO; DERWENT	9/25/03 22:41
BRS	0	5920278.pn. and frame\$1	USPAT; US-PGPUB; EPO; DERWENT	9/25/03 22:40
BRS BRS	19 17	bipolar near3 Pulse near2 pairs (bipolar near3 Pulse near2 pairs) and @ad<20001214	USPAT; US-PGPUB; EPO; DERWENT	9/25/03 22:41
BRS	3	(bipolar near3 Pulse near2 pairs) and @ad<20001214 ((bipolar near3 Pulse near2 pairs) and @ad<20001214) and frame\$1	USPAT: US-PGPUB; EPO: DERWENT	9/25/03 22:42
IS&R	4	(("3961203") or ("4206316")).PN.	USPAT; US-PGPUB; EPO; DERWENT USPAT; US-PGPUB; EPO; DERWENT	9/25/03 22:46 9/26/03 13:47
		(uwb or ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) with (communication or	13. 14, 33 1 3. 35, El 0, BERMENT	5,25,55 15,47
BRS	522	transmission or transmit\$)	USPAT; US-PGPUB; EPO; DERWENT	9/26/03 13:49
BRS	99787	bi-polar or (bi adj polar) or bipolar	USPAT; US-PGPUB; EPO; DERWENT	9/26/03 13:49
BRS	4013	(bi-polar or (bi adj polar) or bipolar) near4 pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	9/26/03 13:49
BRS BRS	7242 11011	pulse near3 pair\$1 ((bi-polar or (bi adj polar) or bipolar) near4 pulse\$1) or (pulse near3 pair\$1)	USPAT: US POPUB; EPO: DERWENT	9/26/03 13:49
2110		((uwb or ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) with (communication or	USPAT; US-PGPUB; EPO; DERWENT	9/26/03 13:49
		transmission or transmit\$)) same (((bi-polar or (bi adj polar) or bipolar) near4 pulse\$1) or (pulse near3		
BRS	7	pair\$1))	USPAT; US-PGPUB; EPO; DERWENT	9/26/03 13:50
		(((uwb or ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) with (communication or		
000	,	transmission or transmit\$)) same (((bi-polar or (bi adj polar) or bipolar) near4 pulse\$1) or (pulse near3		
BRS	4	pair\$1))) and @ad<20001214	USPAT; US-PGPUB; EPO; DERWENT	9/26/03 13:51
			. *	

09/807,590 East scarch 9/26/03 HMB ((((uwb or ultra-wideband or (ultra adj wideband) or (ultra adj wide adj band)) with (communication or transmission or transmit\$)) same (((bi-polar or (bi adj polar) or bipolar) near4 pulse\$1) or (pulse near3 pair\$1))) and @ad<20001214) and (pulse near3 pair\$1)

USPAT; US-PGPUB; EPO; DERWENT 9/26/03 13:51

BRS 3